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# MODERN GLADIOLUS GROWING.

LIST OF VARIETIES

REVISED EDITION

JAMES C. BLACK

40 Years Experience

Also a List of Nearly  
300 of the Better Old  
and NEW Varieties.

1932

GROWN BY

**G. D. BLACK**

**Gladiolus Specialist**

Independence, Iowa

## Newer Varieties Added

We have added most to our newer varieties in this, our 1952 list, than we have selected from those 1951 or have been testing.

You will notice that the price at which we offer these newer varieties is only a fraction of what they were sold for two or three years ago.

Hundreds of new varieties are being sold that are not as good as some of the older ones.

We are glad to do a favor to our friends and old customers by selecting these varieties that show real merit and discarding the rest.

Most of the bulbs we sell are grown from tuberous and one year old bulbs and are therefore young, vigorous, and full of life.

A large proportion of the two year old bulbs like we sell are about two inches in diameter. These usually give as good or better results than the larger older bulbs.

You will notice the figure 1/2a after the price of most varieties. This signifies that we sell this size at half the regular price.

The size 1/2 shows that we can spare bulbs of that variety.

# **Modern Gladiolus Growing**

There has been such a wonderful advance made in the gladiolus that many who knew it only as it grew in mother's garden, fail to recognize it, as they gaze on an exhibit of the large and gorgeous colored flowers.

It has been so much improved by the intelligent work of the plant breeders that we now have all colors of the rainbow. In flower and habit of growth it resembles the exquisite lily, and in the shades and tints of color, it is as beautiful as the expensive orchid, but unlike the lily and the orchid, gladiolus can be successfully grown in an ordinary garden.

No other flower gives so much satisfaction at small expense. It does not make a litter by falling to pieces, and it is well adapted to the sick room, having no oppressive odor.

Varieties differ in many ways besides in colors. The earliest will bloom six weeks before the latest. Some varieties never produce large bulbs and others produce bulbs four inches in diameter. Some grow eighteen inches and others more than five feet high.

Gladiolus culture should be a good business for women who need pin money as well as pure air and exercise. I have in mind a lady who has made a great success of growing and selling gladiolus and her yearly income now amounts to thousands of dollars.

## **YOUNG VIGOROUS BULBS**

The prospective grower should be sure that he is getting young planting stock. The old, large bulbs are almost worthless for propagating, although they may produce fine flowers for a few years before deteriorating. Bulbs two years from the bulblet are usually best for flowers. Yearlings are best for bulblets and will usually all bloom except the smallest sizes.

Bulbs  $\frac{3}{4}$  to  $1\frac{1}{4}$  inch in diameter are often a year younger and will produce spikes of flowers nearly as large as the large bulbs. We sell these medium sized bulbs at half the regular price in all varieties after which you find the mark  $\frac{1}{2}$ . By ordering this size you can have about twice as many flowers for the same expense.

## PLANTING

Gladiolus will do well on any soil that will produce a good crop of corn or potatoes. A sandy loam is best, and a heavy clay the poorest. I have had good success on heavy soil by covering the bulbs lightly with sand before leveling the ground. Care should be taken that no fresh manure come in contact with the bulbs. They may be planted any time in the spring when the soil is in good condition. Large bulbs may be planted as late as the first of July and most of them will bloom before frost. Large bulbs should be planted five inches deep and the smaller ones in proportion to their size up to two inches deep for the smaller sizes and bulblets. In heavy soil they should not be planted quite so deep. Many make the mistake of not planting them deep enough.

Remember that the new bulb always grows above the old bulb that you plant, and that the soil is loose at planting time and will settle.

We make our rows thirty inches apart and leave one inch of space between the bulbs. Bulbs one inch or more in size should be placed right side up, and smaller sizes may be placed in any position.

When planted where they cannot be cultivated with a horse, the rows should be fifteen inches apart. In good average garden soil 100 bulbs may be planted in a bed five feet square or a row twenty-five feet long.

## CULTIVATING

Your success depends more on the cultivation you give your glads than on most anything else you can do. Do not wait until you can see the weeds. A common garden rake is perhaps the best cultivator for a small planting in the garden if used often enough to keep the soil loose and fine. You will be well repaid for the extra care you give your glads during the growing season.

If you hill up the rows two or three inches when they are a foot or more high, it will help to hold the spikes in an upright position when in bloom.

Cultivation should be continued once a week until after the blooming season, and also as soon after each rain as the soil will permit. This destroys the weeds when the seeds are germinating and creates a dust mulch to conserve the moisture.

## CUTTING

If the spike is cut when the first flower is fully open it will bloom in the vase for a week or longer if the weather is cool. Each morning the water should be changed, the withered blooms removed, and an inch or more cut from the base of each spike. They usually bloom better in the vase than in the hot sun and wind in the garden.

Cutting the spike off will not harm the new bulb for the next season if you are careful to not remove any more of the foliage than necessary. The more foliage you can leave the better your new bulb and bulblets will develop. The formation of seeds retards the growth of the bulb. The tops should be cut off above the foliage when they are done blooming in the garden. We growers who pride ourselves on growing high quality bulbs cut out many of the tops before blooming.

## HARVESTING AND STORING

The bulbs are dug in the fall after the tops ripen or are killed by freezing. The tops are cut or broken off just above the bulb, and the bulbs are put two or three inches deep in crates to cure. A small quantity may be stored in a market basket and placed on a shelf or hung from a joist in the cellar.

The old shriveled bulb and roots can be easily pulled from the new bulb after they cure for a few weeks. This work can be done during the winter or at any time before planting. They must be kept dry and where they will not freeze. A temperature from 32 to 40 degrees is best.

## WE SELL BULBLETS

If you want plenty of flowers at little expense, it will pay you to plant bulblets. If you will give them good care and cultivation, and wait until the second year, most of them will bloom. We do not advise you to buy bulblets of expensive varieties until you have had some experience in growing from bulblets. Some of the new varieties are sold at a high price because they are new and scarce and are not as good as some of the older varieties that are plentiful and cheap. Some of them have very small bulblets and sell for their weight in gold. Some are very hard to germinate and it is necessary to remove part of the hard shell of each bulblet, or stratify them in sand until they sprout before they are planted. Most of the standard varieties and especially the Primulinus Hybrids germinate easily, but if they have become very dry, they should be soaked in warm water two or three days before planting. Do not plant more than two inches deep. An average of not more than half the bulblets we plant germinate the first season. Many of

them that did not germinate will grow better the next season if carefully saved and planted again.

We can spare them by the 100 or 1000 of many of the best standard varieties, but of some of the new varieties only in small quantities.

We will quote prices if you will write and mention the names of the varieties and how many of each you will want.

By referring to our list you will see that in many cases we have made the retail price almost as low as the wholesale price when you consider the cost of postage and packing.

We sell some varieties for less than half the price charged by some others. We can do this because we do not issue an expensive catalog and we grow our own bulbs. Our customers do not have to pay for fine pictures and expensive advertising.

We know from long experience that a pleased customer is the best advertisement: therefore we always guarantee satisfaction and include many bulbs gratis in proportion to the size of the order.

### **WHOLESALE PRICES**

If you buy bulbs in large quantities you are entitled to wholesale prices and should write to Brightside Gladiolus Gardens, R. 3, Albert Lea, Minn. and get wholesale list of about 15 of the new and standard varieties that are grown on our farm there in large quantities.

We grow all varieties offered in this list here at Independence, Iowa, and frequently have a surplus of some but not enough of each to include in wholesale list.

We will gladly quote special prices on these to those who wish to plant 25 or more of each variety. When writing please state number and size of each variety wanted.

## **PLEASE READ CAREFULLY**

The prices per dozen or each include pre-payment of postage or express charges. At prices per hundred they are not sent prepaid.

We have added about 60 of the newer varieties to our list this season and have taken out some that were in the 1930 list, mostly because our stock of these varieties is too small to last through the season if we should leave them in the list. We have enough of most of them for those who wish to order them from last seasons list.

It is usually cheaper to send a package weighing 10 pounds or more a long distance by express and you pay the charges when you receive the package.

It will be to your advantage to send us your order as soon as convenient after you receive this list because some of the new varieties are in limited quantities and they are liable to be sold out soon.

Bulbs will be sent in March or April when there is no danger of freezing in transit, unless you instruct us otherwise, in which case you assume the risk of freezing.

If you want something not in our list ask for it as we have many varieties in quantities too small to list. We may have what you want or be able to get it for you.

If you find lower prices quoted in other catalogs you may remit to us at the lower price and mention the other catalog, and we will fill your order if we can.

## **AMERICAN GLADIOLUS SOCIETY**

All gladiolus growers should join the American Gladiolus Society. Send \$2.00 to the secretary, Roscoe Huff, Goshen, Indiana (this includes one year's subscription to the "Gladiolus Review," a monthly magazine devoted exclusively to the gladiolus.)

## NAMED VARIETIES

Grown by G. D. Black

Name of originator when known is inclosed in parenthesis, except in a few cases where the originator is not known, the introducer's name is given. To save space "K" is used for kunderd, "G" for Groff, and "B" for Black.

\* This mark after a variety signifies that we sell 25 bulblets at the price of one bulb, but no package of bulblets for less than 10c.

$\frac{1}{2}$  signifies that bulbs  $\frac{3}{4}$  to  $1\frac{1}{4}$  inches will be sold at half price, but no item for less than 5c.

## PREPAID PRICES

Price per Dozen—Multiply by 10

**Albania (Kemp)**—Nearly pure white, 5c.\*  $\frac{1}{2}$   
**Albert Lea (B)**—Bright red, large, pure white center, 10c. \*  $\frac{1}{2}$   
**Alhambra (K)**—Brilliant scarlet, 10c.  
**Alton (K)**—Ruffled orange, 10c. \*  $\frac{1}{2}$   
**Amazon (M)**—Large cream pink, 10c.  
**Anthem (K)**—Pink, 10c.  $\frac{1}{2}$   
**Anzac (G)**—Very large salmon, 10c.  $\frac{1}{2}$   
**Apex (Bill)**—A giant in plant and flower, bright salmon pink, 10c.  $\frac{1}{2}$   
**Atalanta (Smith)**—A soft shade of rosy violet with cream blotch, 15c. \*  $\frac{1}{2}$   
**Arabia**—Dark red, almost black, 10c.  
**Autumn Queen—Lillian (G)**—Cream-white, scarlet blotch on lower petals, 3 for 10c. \*  $\frac{1}{2}$

**Averil (Erry)**—Rosy salmon with large yellow center, 10c. \*  $\frac{1}{2}$

**Arizona (K)**—Rose pink, 3 for 10c. \*  $\frac{1}{2}$

**Beverly (K)**—Violet rose, 15c. \*  $\frac{1}{2}$

- Betty Bunce (Bill)**—Light pink, 15c.  $\frac{1}{2}$   
**Betty Joy (Bill)**—Creamy pink, 10c.  $\frac{1}{2}$   
**Bengal Tiger (Pratt)**—Oriental colors, tawny salmon, flaked blue, 10c.  $\frac{1}{2}$   
**Blackhawk (K)**—Red, black center, 5c. \*  $\frac{1}{2}$   
**Black Joe (Prest.)**—Dark carmine, 10c. \*  $\frac{1}{2}$   
**Blue Jay (G)**—Blue, dark blotch, 8c.  $\frac{1}{2}$   
**Blue Isle (K)**—Lilac blue, dark blotch, 5c. \*  $\frac{1}{2}$   
**Blue Ribbon (K)**—Lilac blue, 15c.  $\frac{1}{2}$   
**Blue Torch (Hornberger)**—Light blue, 10c. \*  $\frac{1}{2}$   
**Blood Spot (K)**—Mahogany, red spot, 10c. \*  $\frac{1}{2}$   
**Bordeaux (Alkemade)**—Wine color, 5c. \*  $\frac{1}{2}$   
**Bumble Bee (K)**—Salmon and blue, 5c. \*  $\frac{1}{2}$   
**Break O' Day (Bill)**—Creamy pink, early, 5c. \*  $\frac{1}{2}$   
**Cardinal Prince (K)**—A fine red, 10c. \*  $\frac{1}{2}$   
**Carmen Sylva (Prestgard)**—We believe this is the best white yet introduced, 10c.  $\frac{1}{2}$   
**Charlemagne**—Giant French type, sunrise red, flaked darker, 5c. \*  $\frac{1}{2}$   
**Chosen Queen (Metzner)**—Very large rose cere, 15c.  $\frac{1}{2}$   
**C. H. Moss (Goodrich)**—Carmine pink, 10c.  $\frac{1}{2}$   
**Classic (K)**—Deep rose salmon, 10c. \*  $\frac{1}{2}$   
**Costa Rica (Diener)**—Orchid, pink ruffled, 5c. \*  $\frac{1}{2}$   
**Commonwealth (Brown)**—A good large red, 10c. \*  $\frac{1}{2}$   
**Crimson Glow (Betscher)**—Red, 5c. \*  $\frac{1}{2}$   
**Crinkles (K)**—Ruffled, rose pink, 5c. \*  $\frac{1}{2}$   
**Dairy Maid (G)**—Beautiful creamy pink with lavender center, 5c.  $\frac{1}{2}$   
**Del Oro (Burbank)**—Orange salmon, 10c. \*  $\frac{1}{2}$   
**D. S. Jordan (Diener)**—Flame scarlet, 10c. \*  $\frac{1}{2}$   
**Diana**—Empire (G)—Rich red, 5c.  $\frac{1}{2}$

- Diener's American Beauty** (Diener)—American beauty, creamy center, 5c. \*  $\frac{1}{2}$
- Dixie** (K)—Red with black blotches, 5c. \*  $\frac{1}{2}$
- Dracocephalus**—Species, light green partly covered with brown specks, 3 for 10c. \*  $\frac{1}{2}$
- Dr. J. H. Neeley** (K)—Blushed white, 15c. \*  $\frac{1}{2}$
- Dr. A. C. Hansen** (Goodrich)—Pink, 10c.  $\frac{1}{2}$
- Duchess of York** (Velthuys)—Purple, 10c.  $\frac{1}{2}$
- Dr. Cothran** (Diener)—Pink and steel blue, 10c.  $\frac{1}{2}$
- Dorrit** (K)—Lavender pink, 10c.  $\frac{1}{2}$
- Early Surprise** (B)—This is a beauty with its large creamy white flowers slightly tinged with rose, 10c. \*  $\frac{1}{2}$
- Early Sunrise** (Velthuys)—Salmon, 10c.  $\frac{1}{2}$
- Elaine** (Bill)—Lily white, 10c. \*  $\frac{1}{2}$
- Elizabeth Swartley**—Salmon pink, 10c.  $\frac{1}{2}$
- E. G. Hill** (K)—Rose pink, 3 for 10c. \*  $\frac{1}{2}$
- E. J. Shaylor** (K)—Deep rose pink, Ruffled, very fine strong grower, 5c. \*  $\frac{1}{2}$
- Elizabeth Gerberding** (Diener)—Pink, very ruffled, ruby and yellow center, 10c. \*  $\frac{1}{2}$
- Elizabeth Tabor** (Hinkle)—Large early pink, scarlet blotch, 10c. \*  $\frac{1}{2}$
- Elsie** (Christy)—Bright pink, 3 for 10c. \*  $\frac{1}{2}$
- Emilie Aubrun** (Lemoine)—Large coppery bronze, 10c. \*  $\frac{1}{2}$
- Enid** (Goodrich)—White blended pink, 10c. \*  $\frac{1}{2}$
- Eugene Lefebvre** (Lemoine)—Deep pink large blotch, 10c. \*  $\frac{1}{2}$
- Fairlawn** (Goodrich)—Dark lilac crimson with blue tints, very large, 10c. \*  $\frac{1}{2}$
- Fairland** (K)—A good red, 10c. \*  $\frac{1}{2}$
- Flaming Sword** (Krelage)—Bright red, 10c.  $\frac{1}{2}$
- Firelight** (Goodrich)—Scarlet, 10c. \*  $\frac{1}{2}$

- Fontaine** (Coleman)—Ruffled light pink,  
10c. \*  $\frac{1}{2}$
- Florence** (Vilmorin)—Bright lilac, with  
large white center, large, an old French  
variety, but one of the best, 15c.  $\frac{1}{2}$
- Florabelle** (B)—Light creamy yellow, 3 for  
10c. \*  $\frac{1}{2}$
- Frank J. Symms** (Diener)—Salmon pink, red  
center, nicely ruffled, 8c. \*  $\frac{1}{2}$
- Gay Butterfly** (Munsell)—Salmon with large  
yellow blotches, good, 3 for 10c. \*  $\frac{1}{2}$
- Gene S. Porter**—Soft pink, 10c. \*  $\frac{1}{2}$
- Gertrude Erry** (Erry)—Large pink, 5c.  $\frac{1}{2}$
- Giant Nymph** (Coleman)—Light pink, 5c.  $\frac{1}{2}$
- Gold Eagle** (Austin)—Deep yellow, ruffled,  
5c. \*  $\frac{1}{2}$
- Good Gracious** (Metzner)—Large pink, 10c.  
\*  $\frac{1}{2}$
- Golden Dream** (G)—Best late yellow, 10c.  
\*  $\frac{1}{2}$
- Gold** (Hoeg)—Golden yellow, 3 for 10c. \*  $\frac{1}{2}$
- Golden King** (B)—Large golden yellow, red  
blotch, 5c. \*  $\frac{1}{2}$
- Golden Measure** (Kelway)—Golden yellow,  
8c. \*  $\frac{1}{2}$
- Goshen** (K)—Rose pink, 15c.  $\frac{1}{2}$
- Harvest Moon** (Bill)—Large cream, 15c.  $\frac{1}{2}$
- Hawkeye** (Goodrich)—Large red, 15c.  $\frac{1}{2}$
- Halley** (Velthuys)—Salmon pink, early, 5c.  
\*  $\frac{1}{2}$
- High Nye** (Austin)—Light purple, 10. \*  $\frac{1}{2}$
- Helga** (K)—Fine salmon rose, 3 for 10c. \*  $\frac{1}{2}$
- Halcyon** (Bill)—Rose pink, 10c. \*  $\frac{1}{2}$
- Hamburg Pink** (Hornburger)—Large bright  
pink, 10c. \*  $\frac{1}{2}$
- H. C. Goehl** (Fisher)—White, crimson blotch  
10c. \*  $\frac{1}{2}$
- Heinrich Kanzleiter** (Pfitzer)—Early dark  
red, 10c. \*  $\frac{1}{2}$
- Henry Ford** (Diener)—Purple, 5c. \*  $\frac{1}{2}$

- Highland Laddie (K)**—Light rose and white,  
10c. \*  $\frac{1}{2}$
- Inmensity (K)**—Salmon, 10c.  $\frac{1}{2}$
- Iwa (Betscher)**—Large pink, red blotch, 10c.
- J. A. Carbone (Diener)**—Orange salmon,  
15c. \*  $\frac{1}{2}$
- Jean Tenny (Nickolis)**—Silvery rose, 10c.  
\*  $\frac{1}{2}$
- Jean du Tallies (Lemoine)**—Deep salmon,  
maroon blotch, 10c.  $\frac{1}{2}$
- Jack London (Diener)**—Salmon and orange,  
yellow throat, 3 for 10c. \*  $\frac{1}{2}$
- Joe Coleman (K)**—Rich red, ruffled, 5c. \*  $\frac{1}{2}$
- John T. Pirie (K)**—Mahogany brown, 10c.  
\*  $\frac{1}{2}$
- J. J. Mitchell (K)**—Salmon rose, 10c. \*  $\frac{1}{2}$
- J. Ogden Armour (K)**—Coral red salmon,  
ruffled, 15c. \*  $\frac{1}{2}$
- Juno (Coleman)**—Orange, 10c. \*  $\frac{1}{2}$
- Kirchoff's Violet (Kirchoff)**—Fine violet blue  
All things considered this is the best near  
blue we have tested, 10c. \*  $\frac{1}{2}$
- Kunderd's Yellow Wonder (K)**—Light yellow, 10c.  $\frac{1}{2}$
- Kunderd's Apple Blossom (K)**—Light pink,  
ruffled, 15c. \*  $\frac{1}{2}$
- Lacinatus (K)**—Rose pink lacinated petals,  
small but beautiful, 3 for 10c. \*  $\frac{1}{2}$
- La Luna (G)**—Cream, brown patch, 10c.  $\frac{1}{2}$
- Lavender Beauty (K)**—Lacinated lavender,  
15c. \*  $\frac{1}{2}$
- Lavendula Major (Australia)**—Very large  
lavender pink, 25c. \*  $\frac{1}{2}$
- Lavender Bride (Bride)**—Smoky lavender,  
15c. \*  $\frac{1}{2}$
- Louis Heman (Lemoine)**—Beautiful yellow  
star with red points, 10c. \*  $\frac{1}{2}$
- Le Marechal. Foch (Van Duersen)**—Light  
pink, very large and early, 3 for 10c. \*  $\frac{1}{2}$

- Lily Lehman (Alkemade)**—White lily shaped flowers, sometimes tinged pink, 5c. \*  $\frac{1}{2}$
- Leota (Coleman)**—Clear pink, 3 for 10c. \*  $\frac{1}{2}$
- Lewis Dingman (Goodrich)**—Large, darker than Rose Ash, 15c.  $\frac{1}{2}$
- Longfellow (Decorah)**—Fine pink, 10c.  $\frac{1}{2}$
- Lorena (Goodrich)**—Geranium pink, 10c. \*  $\frac{1}{2}$
- Los Angeles (Howdyshel)**—Pink, the so-called cut and come again glad, 3 for 10c. \*  $\frac{1}{2}$
- London Smoke (Diener)**—Dark red, 10c.  $\frac{1}{2}$
- Louise (Wright)**—Large, lavender, maroon blotch, 10c.  $\frac{1}{2}$
- Loweri (Lower)**—A fine red, 3 for 10c. \*  $\frac{1}{2}$
- Marrietta (M)**—Very large orange salmon, 5c.  $\frac{1}{2}$
- Magic (K)**—Lavender blue, 10c. \*  $\frac{1}{2}$
- Marjorie Gage (Gage)**—White with fiery scarlet blotch, 5c. \*  $\frac{1}{2}$
- Mary Alice White (Vaughan)**—Light pink, fine spike, 10c. \*  $\frac{1}{2}$
- Mary S. Burke (Diener)**—Canary yellow, overlaid with apricot, 10c. \*  $\frac{1}{2}$
- Marnia (Kemp)**—Orange, 10c. \*  $\frac{1}{2}$
- Miss Tea Rose (Fisher)**—Creamy pink, 10c. \*  $\frac{1}{2}$
- Mephisto (Pfitzer)**—Red flaked brown, 10c. \*  $\frac{1}{2}$
- Mephistopholies (Lemoine)**—Bright red and yellow marked black, 8c. \*  $\frac{1}{2}$
- Mielust**—Light pink, dark blotch, 5c. \*  $\frac{1}{2}$
- Mottled Beauty**,— Many colors, much ruffled, 20c.
- Mr. Mark (Velthuys)**—Lilac blue, darker blotch, 10c. \*  $\frac{1}{2}$
- Mrs. Frank Pendleton (K)**—Bright pink with large crimson blotch, 5c. \*  $\frac{1}{2}$
- Mrs. Ella Morrison (Kirchoff)**—Shell pink, 10c. \*  $\frac{1}{2}$

- Mrs. F. C. Hornberger (Hornberger)**—Very fine white, 10c. \*  $\frac{1}{2}$
- Mrs. L. S. Schweppé (K)**—Peach blossom pink, 5c. \*  $\frac{1}{2}$
- Mrs. P. W. Sisson**—Fine light pink, 5c.  $\frac{1}{2}$
- Mrs. Dr. Norton (K)**—Cream and pink, 10c. \*  $\frac{1}{2}$
- Mrs. John R. Walsh (Diener)**—Large heavily ruffled, flesh pink with large scarlet blotch 10c. \*  $\frac{1}{2}$
- Mystic (K)**—Pink, 3 for 10c. \*  $\frac{1}{2}$
- Mrs. Leon Douglas (Diener)**—Very large salmon-rose and scarlet, 5c. \*  $\frac{1}{2}$
- Nancy Hanks (Salback)**—Orange, 5c. \*  $\frac{1}{2}$
- Natalie (K)**—Ruffled orange salmon, 10c. \*  $\frac{1}{2}$
- Niagara (Banning)**—Light cream, sometimes tinted pink, one of the best, 8c. \*  $\frac{1}{2}$
- Odin (Heemskerk)**—Salmon, red blotch, 3 for 10c. \*  $\frac{1}{2}$
- Olive Goodrich**—White edged pink, 15c. \*  $\frac{1}{2}$
- Old Rose (G)**—Deep rose fawn, 3 for 10c. \*  $\frac{1}{2}$
- Opalescent (Bill)**—Pale lavender, 3 for 10c. \*  $\frac{1}{2}$
- Opal Long (Goodrich)**—Variegated scarlet and purple, 15c. \*  $\frac{1}{2}$
- Oriental Gem (Goodrich)**—Light coral red, violet and yellow, 15c. \*  $\frac{1}{2}$
- Oriole (G)**—Bright red and yellow, 5c. \*  $\frac{1}{2}$
- Orchis (B)**—Large, colored like an orchid, light rosy pink, violet blotch, 15c.  $\frac{1}{2}$
- Pantheon (K)**—Large white, red center, 10c. \*  $\frac{1}{2}$
- Panama (Banning)**—Deep rose pink, 5c. \*  $\frac{1}{2}$
- Paul Pfitzer (Pfitzer)**—Velvety purple, 20c.  $\frac{1}{2}$
- Pearl of California (Kingsley)**—Light pink, 15c.  $\frac{1}{2}$
- Persia (N B)**—Blackish crimson, 10c. \*  $\frac{1}{2}$

- Pfützer's Triumph (Pfützer)—Salmon red, 20c.  $\frac{1}{2}$
- Peach Rose (K)—Deep rose pink, extra fine, 3 for 10c. \*  $\frac{1}{2}$
- Pink Perfection (Homan)—Large, 10c. \*  $\frac{1}{2}$
- Pink Wonder (Kemp)—Large light pink, 5c. \*  $\frac{1}{2}$
- Pink Lily (K)—Rose pink, 15c.  $\frac{1}{2}$
- Pres. C. C. Moore (D)—Begonia rose, striped with blackish red, purple, and blue, 10c.  $\frac{1}{2}$
- Pres. Menocal (K)—Red and yellow, ruffled, 15c.  $\frac{1}{2}$
- Pride of Lancaster (K)—Orange salmon, fiery orange center, ruffled, 5c. \*  $\frac{1}{2}$
- Pride of Wanakah (Criswell)—Large deep rose, very good, 15c. \*  $\frac{1}{2}$
- Prince of India—Smoky gray with darker blotch, 15c. \*  $\frac{1}{2}$
- Princely (Kemp)—Almost white, good, 15c. \*  $\frac{1}{2}$
- Prince of Wales (Van Zanten)—Salmon yellow blotch, early, 5c. \*  $\frac{1}{2}$
- Principeine (Kirchoff)—Scarlet, 5c. \*  $\frac{1}{2}$
- Purple Spot (K)—Large violet red, large blotch, 10c. \*  $\frac{1}{2}$
- Purple Glory (K)—Large ruffled maroon red, 10c. \*  $\frac{1}{2}$
- Racine (K)—Dark red, flaked darker, white in throat, 5c. \*  $\frac{1}{2}$
- Rev. Ewbank—Light blue, 10c. \*  $\frac{1}{2}$
- Red Emperor—Dominion (G)—Large dark red, extra good, 15c.  $\frac{1}{2}$
- Red Copper (K)—Salmon flaked blue, 5c. \*  $\frac{1}{2}$
- Rhoda (Metzner)—Salmon flaked darker, 5c. \*  $\frac{1}{2}$
- Richard Diener (Diener)—Late salmon pink, 10c.  $\frac{1}{2}$

- R. J. Kunderd (K)**—Bright red, 10c.  $\frac{1}{2}$   
**Rose Mulberry (Austin)**—Pink and violet,  
10c.  $\frac{1}{2}$   
**Royal Lavender (Gove)**—Deep lavender,  
25c.  $\frac{1}{2}$   
**Ruffolace (Kemp)**—Ruffled white, 10c. \*  $\frac{1}{2}$   
**Romance (K)**—Large, orange, salmon, rose,  
red, yellow and blue, very good, 3 for 10c.  
\*  $\frac{1}{2}$   
**Rosemary (Bales)**—White, thickly marked  
with fine parallel hair lines of lavender,  
an odd and beautiful glad, 10c. \*  $\frac{1}{2}$   
**Ruffled America (K)**—Light pink, 15c.  $\frac{1}{2}$   
**Ruth Huntington (K)**—Ruffled, violet lilac,  
large tall spikes, 5c. \*  $\frac{1}{2}$   
**Salmon Plume (K)**—Light salmon, 3 for 10c  
\*  $\frac{1}{2}$   
**Sarah Pagels (Groosman)**—Lavender, 10c.  
**Saraband (Salback)**—Smoky plum, 10c.  $\frac{1}{2}$   
**Scarlano (K)**—Bright red, ruffled, 10c. \*  $\frac{1}{2}$   
**Scarlet Princeps (K)**—Fine red, 5c. \*  $\frac{1}{2}$   
**Scarlet Wonder (G)**—Large red, 10c. \*  $\frac{1}{2}$   
**Shenandoah (Goodrich)**—Dark pink, 10c.  
**Sovereign (Vaughan)**—Violet blue, 10c.  $\frac{1}{2}$   
**Sidonia (Heemskerk)**—Dark violet, 5c. \*  $\frac{1}{2}$   
**Sterling (M)**—Rose pink, 3 for 10c. \*  $\frac{1}{2}$   
**Splendora (K)**—Wine black, 3 for 10c. \*  
**Sulphur Frills (K)**—Light yellow, very ruf-  
fled, 10c.  $\frac{1}{2}$   
**Sunset (Diener)**—Light pink, flaked darker,  
10c. \*  $\frac{1}{2}$   
**Sweet Lavender (Coleman)**—Light lavender,  
purple blotch, 5c. \*  $\frac{1}{2}$   
**Sidney Plummer (Salback)**—Soft pink and  
yellow, 5c. \*  $\frac{1}{2}$   
**Smoke (Diener)**—Smoky rose, 5c. \*  $\frac{1}{2}$   
**Tempa (K)**—Ruffled pink, 10c. \*  $\frac{1}{2}$   
**Ten Strike (Metzner)**—Large salmon, 10c.  
\*  $\frac{1}{2}$

- Tiffany (Brown)**—Good florist's white, 5c.  
\*  $\frac{1}{2}$
- Titan (Erry)**—Very large, salmon pink, purple mark on lower petals, 25c. \*  $\frac{1}{2}$
- T. T. Kent (Diener)**—Variegated pink, 10c.  
 $\frac{1}{2}$
- Tyko Zang (Austin)**—Salmon pink, 5c. \*  $\frac{1}{2}$
- Tyrian Beauty — Magenta (K)**—American beauty rose color, 10c. \*  $\frac{1}{2}$
- Uhlau Chief (K)**—Brilliant scarlet, 10c. \*  $\frac{1}{2}$
- Vaughan's White (Vaughan)**—Large late white, 10c. \*  $\frac{1}{2}$
- Van Wert (K)**—Salmon pink, 5c. \*  $\frac{1}{2}$
- Van der Neer**—Violet purple, 10c. \*  $\frac{1}{2}$
- Victor (Erry)**—Large red, white center, 25c.  
\*  $\frac{1}{2}$
- Virginia (Tulley)**—A fine purple, 10c. \*  $\frac{1}{2}$
- Violet Beauty (K)**—Rose violet, 5c. \*  $\frac{1}{2}$
- Viola Rose (B)**—This is large and early with a new shade of color not found in any other glad. Bright rosy violet—practically a self color, 10c. \*  $\frac{1}{2}$
- Vista (B)**—Large white tinted rose pink, 10c  
\*  $\frac{1}{2}$
- Wapsie (B)**—The color is an exquisite old rose blended with ashes of roses, 10c. \*  $\frac{1}{2}$
- Watermelon (K)**—Rose pink, 5c. \*  $\frac{1}{2}$
- W. H. Phipps (Diener)**—Light rose salmon, 10c. \*  $\frac{1}{2}$
- White City**—Large tall pure white, 10c. \*  $\frac{1}{2}$
- White Giant (Van Meerbeek)**—Large, pure white, 10c. \*  $\frac{1}{2}$
- White Wonder (Kemp)**—White, 8c. \*  $\frac{1}{2}$
- White Star (Hornberger)**—Tall pure white, 15c. \*  $\frac{1}{2}$
- Willis E. Fryer (K)**—Violet, 5c. \*  $\frac{1}{2}$
- Wm. G. Badger (Metzner)**—Pink, orange blotch, 10c.  $\frac{1}{2}$

Price per dozen is ten times the price of one.

## **PRIMULINUS GRANDIFLORA**

We have listed the Prims separate from the others for the convenience of our customers who live in localities where other varieties do not do well on account of the hot, dry summers. They are almost sure to bloom even from small bulbs if planted early. The large bulbs usually send up two or more spikes from each.

We have selected the following as the best from nearly 200 varieties that we have had under test.

**Alma Gluck (Gage)**—Red, yellow throat, 3 for 10c. \*  $\frac{1}{2}$

**Aflame (Hornberger)**—Very large scarlet, 15c. \*  $\frac{1}{2}$

**Allen V. Bunce (Bill)**—Deep yellow and pink, 5c. \*  $\frac{1}{2}$

**Annie Laurie (Brown)**—Ruffled pink and white, 10c. \*  $\frac{1}{2}$

**Butterboy (K)**—Cream yellow, 10c. \*  $\frac{1}{2}$

**Gladdie Boy (Bill)**—Deep yellow and pink, 5c. \*  $\frac{1}{2}$

**Gloryanna (Betscher)**—Salmon, Extra good, 10c. \*  $\frac{1}{2}$

**Jewell (Zeestraten)**—Salmon pink, 5c. \*  $\frac{1}{2}$

**His Majesty**—Large red, 5c. \*  $\frac{1}{2}$

**Mission Bells (Briggs)**—Orange pink, 10c. \*  $\frac{1}{2}$

**Orange Queen**—Large orange, 5c. \*  $\frac{1}{2}$

**Prim Beauty (Christy)**—Rich yellow overlaid with a network of bright crimson, 3 for 10c. \*  $\frac{1}{2}$

**Rose Mist**—Old rose, 15c. \*  $\frac{1}{2}$

**Sunnymead (Fisher)**—Oriental orange, 10c. \*  $\frac{1}{2}$

**Tremblor (K)**—Salmon red, 5c. \*  $\frac{1}{2}$

**Yellow Beauty (K)**—More or less lacinated, 5c. \*  $\frac{1}{2}$

Price per dozen is ten times the price of one.

## **POSTAGE**

The prices per dozen or each include pre-payment of postage or express charges. At prices per hundred they are not sent prepaid.

100 bulbs will weigh six pounds and will require for postage in the first and second zone, 12c; third zone, 18c; fourth zone, 28c; fifth zone, 39c; sixth zone, 50c; seventh zone 62c.

100 bulbs  $\frac{3}{4}$  to  $1\frac{1}{4}$  inch or 200 bulbs  $\frac{1}{2}$  to 1 inch will weigh four pounds and will require for postage in the first and second zone, 10c; third zone, 14c; fourth zone, 20c; fifth zone, 27c; sixth zone, 34c; seventh zone 42c.

Be sure and allow enough postage for all bulbs you order by the 100. If you should send too much we will return the balance or put in enough more bulbs to balance the account.

Your Postmaster will tell you what zone Independence, Iowa, is in.

It is usually cheaper to send a package weighing 10 pounds or more a long distance by express and you pay the charges when you receive the package.

## **BARGAINS**

**Bargain A.** 100 bulbs, 10 each of 10 varieties, each variety in separate bag correctly labeled, our selection from surplus bulbs we have at time of putting up the order. Your choice of light, dark, or all colors, \$2.00 not prepaid.  $\frac{3}{4}$  to  $1\frac{1}{4}$  inch bulbs \$1.00 not prepaid.

**Bargain B.** Same as above, except Primulinus Hybrid varieties.

## POPULAR MIXTURES

A good mixture is perhaps the most economical to buy, especially when you do not care to keep each variety separate.

Our mixtures are made from named varieties grown separately and mixed when we put up the order for shipment.

**Brightside Mixture**— Made from named varieties of all colors. As we wish to preserve the name of "Brightside" we shall always strive to make this mixture as good as the best. 35c per doz. postpaid, \$1.50 per 100 not prepaid.  $\frac{3}{4}$  to  $1\frac{1}{4}$  inch bulbs, 75c per 100 not prepaid. 200 bulbs  $\frac{1}{2}$  to 1 inch \$1.00 not prepaid. These small bulbs should all bloom nicely if they are given good cultivation and care.

**Light Mixture**— Made from named varieties of white, pink, yellow and other light shades. 35c per dozen postpaid, \$1.50 per 100 not prepaid.  $\frac{3}{4}$  to  $1\frac{1}{4}$  inch bulbs, 75c per 100, not prepaid.

**Dark Mixture**— Made from named varieties of red, mauve, wine purple and other dark shades. 35c per dozen postpaid, \$1.50 per 100, not prepaid.  $\frac{3}{4}$  to  $1\frac{1}{4}$  inch bulbs, 75c per 100, not prepaid.

**Primulinus Hybrid Mixture**— Made from named varieties, many of Kunderd's, orange, pink, red and yellow. 35c per dozen postpaid, \$1.50 per 100, not prepaid.  $\frac{3}{4}$  to  $1\frac{1}{4}$  inch bulbs, 75c per 100, not prepaid.

**Kunderd. Mixture**— Kunderd varieties, some of them ruffled. 50c per dozen postpaid, \$2.00 per 100, not prepaid.  $\frac{3}{4}$  to  $1\frac{1}{4}$  inch bulbs, \$1.00 per 100, not prepaid.

## **SPECIALS**

### **Special Number One.**

Fifty blooming size bulbs (our selection) of named varieties, all different. Worth at least \$4.00 if selected from our catalog, sent by mail postpaid for \$1.25.

### **Special Number Two.**

Same as above, but each bulb labeled and packed in separate bag, \$2.00.

### **Special Number Three.**

Fifty blooming size bulbs named varieties of Primulinus Hybrids, all different, by mail postpaid, \$1.25.

### **Special Number Four.**

Same as above, but each bulb labeled in separate bag, \$2.00.

## **BULBLET MIXTURE**

Of all colors, more than 100 named varieties. These should be soaked in warm water two or three days before planting, so they will germinate well. Only a few of them will bloom the first year. 40c per 1000 postpaid, 3000 for \$1.00 postpaid.

## **BULBS AT HALF PRICE**

We sell  $\frac{3}{4}$  to  $1\frac{1}{4}$  inch bulbs at half the regular price of the larger bulbs. Many growers prefer this size. The postage or express charge is less than on the larger bulbs.

# Thank You

For your kind words to me and your newspaper. We do not advertise in the papers but depend on friends who have been sending us orders for about 30 yrs. by.

## Help Us to New Customers

This is why we have still good quality tulips in various varieties at a low price and they are under \$1.25 worth of tulips at the usual price for each. Anybody send us an order to send you them.

Many of our old customers return orders from their neighbors just sent them to us and sending their own orders.

## We Will Pay You

You may select the variety of tulips for example as sent as to your neighbors or in place of the usual price, the on tulips sold at the lower price and be on tulips sold by the lot and special collections.

Please send us full address of all new customers so we can send books on Modern Tulip Growing. We will send the tulips either to you or to the new customers as you request.

### WILLIE TULLIS

We always add gratis a number of tulip seeds to each order in proportion to size of customer and always guarantee satisfaction.

# **3 for 10 cents 6 for 10 cents**

There are 25 varieties in this list priced at 3 large bulbs for 10c or 6 bulbs about one inch in diameter for 10c or 3 for 5c and we pay the postage.

These are all varieties of *neftil* except *Dracoccephalum* which is a wild species valued as a curiosity. We quote this low price because we have plenty of them and they are not inferior to the others offered at a higher price.

**Bargain C.** 75 bulbs, 3 each of the 25 varieties mentioned above, each variety in separate bag correctly labeled, \$2.00 postpaid. In case some variety becomes sold out we reserve the privilege of substituting a higher priced variety of similar color. 75 one inch bulbs as above \$1.00 prepaid or 150 for \$2.00.

An order for less than \$1.00 is not profitable to us, but as an accommodation we will fill orders for any amount. You may select bulbs at the each price to the value of \$1.25 for each \$1.00 you send us for them.

We do not substitute without permission. We sometimes get sold out of some varieties and it will save time and correspondence if you will kindly name a few that we may substitute as your second choice.

**FREE BULBS GRATIS WITH EACH ORDER**